Zefeng (Daniel) Wang

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EDUCATION

Northeastern University, Boston, MA   May 2022
Candidate for a BS in Computer Science and Business Administration, Concentration in Accounting
Overall / Major GPA: 3.82 **|** 4.0
Relevant Coursework: Object Oriented Design, Fundamentals of Computer Science I and II, Discrete Structures, Linear Algebra, (In Progress) Algorithms and Data Structures, Database Design
Honors and Awards: Dean's List, International Scholar, Top 10/Best Rookie Award at Hack Beanpot

West Windsor Plainsboro High School South, Princeton Junction, NJ   June 2018
GPA: 3.9 | 4.6

SKILLS

- **Languages:** Familiar with Java | Knowledge of Python
- **Platforms:** Understanding of Android | Basic knowledge of Unix & MacOS
- **Web Technology:** HTML, CSS, JavaScript, JSON, XML
- **Databases:** SQL, MySQL, PostgreSQL, pgAdmin
- **API:** RESTful APIs, Google Maps API, Java Swing Library, CKAN Action API, Documentum Foundation Classes
- **Testing Frameworks:** JUnit 5, Jest
- **IDE/Build Tools:** IntelliJ IDEA, Eclipse, Android Studio, Gradle
- **VCS:** Git, GitHub

EXPERIENCE

Sandbox at Northeastern, Boston, MA   September 2019 - Present
Developer
- Maintaining and improving SearchNEU.com, the course registrar replacement website used by over 42K unique users
- Refactoring the JavaScript backend and adding tests using the Jest testing framework to ensure reliability
- Rewrote the web scraper classes that produce info from the school's site using cheerio's implementation of jQuery

HackBeanpot Inc, Boston, MA   May 2019 – Present
Core Team - Sponsorship
- Working in an agile environment to organize and run an annual hackathon for approximately 200 Boston students
- Designed a detailed sponsorship packet and reached out to dozens of companies for financial backing
- Leading a team of three in revamping the judging system for students' projects to be more holistic and efficient

DoubleBridge Technologies, Princeton. NJ   July – August 2019
Mobile App Development Intern
- Researched and presented the use of Android Studio for mobile development in Java
- Developed an application that allows users to perform CRUD operations on MySQL database using a PHP framework
- Created another Android app that makes API calls asynchronously using REST API and parses through JSON data

PROJECTS

CrimePot (Hack Beanpot)   February 2019
- Implemented Google Maps API with HTML/CSS/JS to place markers representing crimes on a map of Boston based on values inputted by the user.
- Used a RESTful API to make HTTP requests using the Flask microframework to retrieve data from the Boston government Crime Incidents Reports through a CKAN action API.
- Filtered through the JSON data based on user parameters and then converted to GeoJSON in Python through Flask.

ExCELlence – The Easy Animator (Course Project)   June 2019
- Created a program that allows a user to input instructions and returns an animation either in textual form, as an SVG file, or as a visual representation using Java's Swing library.
- Added functionality that gives the user the ability to scroll through the animation, pause/play, loop, etc.
- Organized the project using the MVC structure to ensure loose coupling and focus on object-oriented principles.